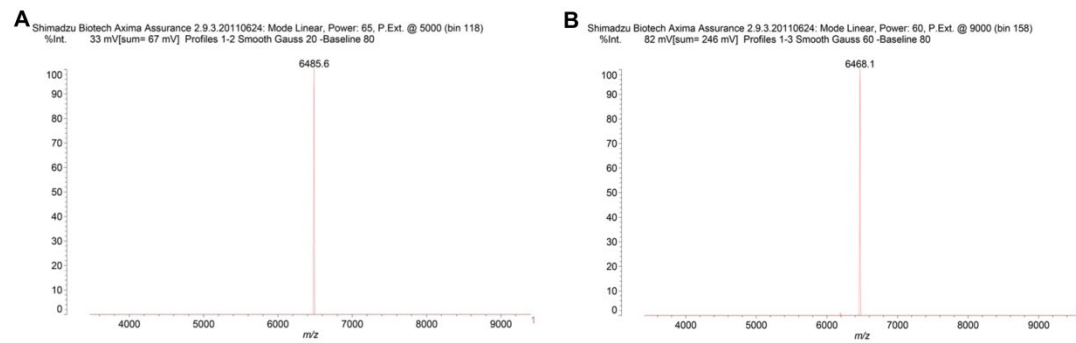


Figure and Figure Legend



Supplementary Figure S1. The MALDI MS spectroscopy of unlabeled anti-PNA-155 (A) and mis-PNA (B).

Table and Table Legend

Supplementary Table S1. Biodistribution results of [^{99m}Tc]anti-PNA-155 and [^{99m}Tc]mis-PNA in BALB/c nude mice bearing MCF-7 and MDA-MB-231 xenografts 6 h p.i. (1.85 MBq, 50 μCi , 125 μL /mouse; %ID/g, mean $\pm$ SD; $n = 3$).

Tissues/Groups (%ID/g)	[^{99m}Tc]anti-PNA-155		[^{99m}Tc]mis-PNA	
	MCF-7	MDA-MB-231	MCF-7 blocking	MCF-7
Blood	0.34 $\pm$ 0.03	0.52 $\pm$ 0.02	0.47 $\pm$ 0.06	0.58 $\pm$ 0.02
Brain	0.04 $\pm$ 0.01	0.02 $\pm$ 0.00	0.03 $\pm$ 0.01	0.02 $\pm$ 0.00
Heart	0.17 $\pm$ 0.03	0.13 $\pm$ 0.01	0.15 $\pm$ 0.01	0.21 $\pm$ 0.03
Lung	0.35 $\pm$ 0.04	0.56 $\pm$ 0.32	0.38 $\pm$ 0.06	0.43 $\pm$ 0.03
Liver	0.88 $\pm$ 0.07	1.55 $\pm$ 0.05	0.76 $\pm$ 0.07	1.08 $\pm$ 0.03
Spleen	0.26 $\pm$ 0.04	0.15 $\pm$ 0.01	0.17 $\pm$ 0.01	0.32 $\pm$ 0.02
Kidney	5.66 $\pm$ 0.99	4.43 $\pm$ 0.21	6.41 $\pm$ 0.18	6.31 $\pm$ 0.86
Stomach	0.28 $\pm$ 0.03	0.16 $\pm$ 0.01	0.22 $\pm$ 0.02	0.22 $\pm$ 0.00
Small intestine	0.19 $\pm$ 0.02	0.35 $\pm$ 0.04	0.14 $\pm$ 0.03	0.15 $\pm$ 0.01
Large intestine	0.23 $\pm$ 0.04	0.55 $\pm$ 0.46	0.24 $\pm$ 0.04	0.21 $\pm$ 0.01
Muscle	0.11 $\pm$ 0.01	0.07 $\pm$ 0.01	0.12 $\pm$ 0.03	0.13 $\pm$ 0.01
Bone	0.21 $\pm$ 0.03	0.12 $\pm$ 0.00	0.17 $\pm$ 0.02	0.23 $\pm$ 0.02
Tumor	0.51 $\pm$ 0.05	0.22 $\pm$ 0.02	0.34 $\pm$ 0.04	0.38 $\pm$ 0.02
Thyroid	0.27 $\pm$ 0.01	0.17 $\pm$ 0.03	0.28 $\pm$ 0.05	0.24 $\pm$ 0.03